

AMENDMENTS TO THE CLAIMS

List of Claims:

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Previously Presented)      A method of making a golf club, the golf club including a club shaft and a club head attached to the end of the club shaft, the method comprising  
measuring a torque T in degree of the club shaft,  
measuring a gravity point distance L in mm between the gravity point of the club head and the center line of the club shaft,  
determining whether the torque T and gravity point distance L satisfy the following conditions (1) and (2)

(1)  $T \geq 0.143L - 2.79$  and

(2)  $T \leq 0.286L - 7.14$ , and

assembling the club shaft and club head when their torque T and gravity point distance L satisfy the conditions (1) and (2).

8. (Previously Presented) The method of making a golf club according to claim 7, which further comprises

making a club head which has a head volume in a range of not less than 250 cc and the gravity point distance L in a range of from 33 to 41 mm.

9. (Previously Presented) The method of making a golf club according to claim 7, which further comprises

making a club shaft which provides a club length in a range of from 43 to 48 inches.

10. (Previously Presented) A method of making a golf club, the golf club including a club shaft and a club head attached to the end of the club shaft, the method comprising

providing a torque T in degree of the club shaft,

providing a gravity point distance L in mm between the gravity point of the club head and the center line of the club shaft,

determining whether the obtained torque T and gravity point distance L satisfy the following conditions (1) and (2)

$$(1) \quad T \geq 0.143L - 2.79 \quad \text{and}$$

$$(2) \quad T \leq 0.286L - 7.14, \quad \text{and}$$

assembling the club shaft and club head when their torque T and gravity point distance L satisfy the conditions (1) and (2).

11. (Previously Presented) The method of claim 7, wherein the torque T and the gravity point distance L satisfy said condition (1) and the following condition (3)

$$(3) \quad T \leq 0.286L - 7.89.$$

12. (New) A method of making a wood-type golf club including a club shaft and a club head attached to the end of the club shaft, comprising

determining a torque T in degree of the club shaft and a gravity point distance L in mm between the gravity point of the club head and the center line of the club shaft so that the following conditions (1) and (2) are satisfied

$$(1) \quad T \geq 0.143L - 2.79$$

$$(2) \quad T \leq 0.286L - 7.14, \quad \text{and}$$

combining the club shaft and the club head which have the determined torque T and gravity point distance L.

13. (New) A method of designing a wood-type golf club including a club shaft and a club head attached to the end of the club shaft, comprising

providing a torque  $T$  in degree of the club shaft, and

determining a gravity point distance  $L$  in mm between the gravity point of the club head and the center line of the club shaft to satisfy the following conditions (1) and (2) are satisfied

$$(1) \quad T \geq 0.143L - 2.79$$

$$(2) \quad T \leq 0.286L - 7.14.$$

14. (New) A method of designing a wood-type golf club including a club shaft and a club head attached to the end of the club shaft, comprising

providing a gravity point distance  $L$  in mm between the gravity point of the club head and the center line of the club shaft, and

determining a torque  $T$  in degree of the club shaft to satisfy the following conditions (1) and (2)

$$(1) \quad T \geq 0.143L - 2.79$$

$$(2) \quad T \leq 0.286L - 7.14.$$

15. (New) A method for improving the rebound of a wood-type golf club including a club shaft and a club head attached to the end of the club shaft, comprising

determining a torque  $T$  in degree of the club shaft and a gravity point distance  $L$  in mm between the gravity point of the club head and the center line of the club shaft so that the following conditions (1) and (2) are satisfied

$$(1) \quad T \geq 0.143L - 2.79$$

$$(3) \quad T \leq 0.286L - 7.14, \text{ and}$$

combining the club shaft and the club head which have the determined torque  $T$  and gravity point distance  $L$ .